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MECHANICS.

163. Proposed by W. J. GREENSTREET, A. M., Editor of The Mathematical Gazette, Stroud, England.

A particle A, mass m, rests on a smooth horizontal plane and is attached by two inelastic strings to masses m_1, m_2 at points B and C such that BAC is a right angle. If a blow is given A at an angle θ to AB, find the initial direction of motion of m, and equations for initial motion of the particles m_1 and m_2.

NOTES.

The students of The University of Chicago have organized an Elementary Mathematics Club.

Professor J. B. Shaw of Kenyon College, has accepted a call to Millikan University at Decatur, Ill.

Mr. F. E. Knowles has been appointed to an instructorship in mathematics at the University of Oklahoma.

Mr. Floid Field has been appointed Instructor in Mathematics at the Academy of Northwestern University.

Mr. W. O. Beal has been appointed to an instructorship in mathematics at the Illinois College, Jacksonville, Ill.

Mr. J. W. Brister has been elected Associate Professor of Mathematics at the University of Nashville, Nashville, Tenn.

Dr. C. M. Mason (Göttingen) has been appointed Instructor of Mathematics at the Massachusetts Institute of Technology.

Professor H. B. Leonard of the Illinois Wesleyan University will spend this year in doing graduate work at The University of Chicago.

Professor G. B. M. Zerr is superintending the erection of a large electrochemical plant for the manufacture of bleach at Parsons, W. Va.

Mr. A. B. Pierce, formerly Instructor in Mathematics at the University of California, took his Doctor's degree at the University of Zürich, Switzerland, this summer.

ERRATA IN THIS NUMBER.

Page 219, middle, *for* al *read* all; page 220, line 6, insert (
Page 221, in (10), *read* $(2-b)t^3$; page 222, line 12, *read* It remains...belongs
Page 223, line 11, *read* $c=\pm 1$; line 17, *read* reduce to
Page 224, in (23), *read* $C_r=3S_r-$; *after* y^3-y^2+y+1 *put* $=0$; in (24), *for* S_{k+1} *read* S_{k-1}.